

Application No. 10/007,175
Response to Office Action

Customer No. 01933

Amendments to the Specification:

Please delete the original title and substitute the following replacement title:

A MOVING PEDESTAL FOR A CAMERA INCLUDING WHEELS
AND SENSORS FOR DETECTING A MOVING AMOUNT THEREOF

Please amend the paragraph at page 12, lines 15-23 as follows:

The data of the position and angle of the TV camera 4 with respect to the object, which are calculated by the operation section 13, are sent to an image forming computer 14 (STEP 4 in FIG. 4). The image forming computer 14 is able to operate a real object image (shot point 20) taken with the TV camera 4 and a virtual image projected on a virtual screen 30 in background of the real object, in relation with each other, as shown in FIG 5.

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Please amend the paragraph at page 16, lines 18-25 as follows:

The rotation angle of the pedestal 2 can be calculated from the difference in moving distance between two of the three wheels of the pedestal 2 using the following equation:

$$\Delta\theta = \tan^{-1} \{(a - b)/N_c\} \quad \Delta\theta = \tan^{-1} \{(a - b)/N_a\}$$

where a and b represent moving distances of the two wheels 7a and 7b, respectively, and ~~N_c~~ N_a represents the distance between the wheels 7a and 7b.